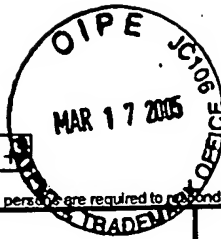


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PTO/SB/08A (10-96)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 11

### Complete if Known

Application Number	10/716,004
Filing Date	11/17/2003
First Named Inventor	VITERI, Fernin
Group Art Unit	3746
Examiner Name	GASAREGOLA, Louis J.
Attorney Docket Number	0145.001

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code‡ (if known)			
LJC		864,017		Miller	08-20-1907	
		886,274		Tate	04-28-1908	
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		1,372,121		Davis	03-22-1921	
		1,820,755		McMullen	08-25-1931	
		1,828,784		Perrin	10-27-1931	
		2,004,317		Forster	06-11-1935	
		2,033,010		Russell	03-03-1936	
		2,078,956		Lysholm	05-04-1937	
		2,168,313		Bichowsky	08-08-1939	
		2,218,281		Ridder	10-15-1940	
		2,359,108		Hoskins	09-26-1944	
		2,368,827		Hanson	02-06-1945	
		2,374,710		Smith	05-01-1945	
		2,417,835		Moore	03-25-1947	
		2,428,136		Barr	09-30-1947	
		2,469,238		Newton	05-03-1949	
		2,476,031		Farkas	07-12-1949	
		2,478,682		Blackwood	08-09-1949	

Examiner  
Signature

*L. J. Gasaregola*

Date

Considered

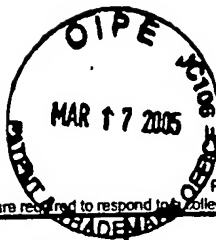
4/4/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

† Unique citation designation number. ‡ See attached Kinds of U.S. Patent Documents. § Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*\* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*\*\* Applicant is to place a check mark here if English language Translation is attached.

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Application Number	107716,004
Filing Date	11/17/2003
First Named Inventor	VITERI, Fermin
Group Art Unit	3746
Examiner Name	CASAREGOLA, Louis J.
Attorney Docket Number	,0145.001

Sheet 2 of 11

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		Number	Kind Code <sup>2</sup> (# known)			
LJC		2,487,435		Goddard	11-08-1949	
		2,523,656		Goddard	09-26-1950	
		2,547,093		Ray	04-03-1951	
		2,563,028		Goddard	08-07-1951	
		2,568,787		Bosch	09-25-1951	
		2,582,938		Eastman	01-15-1952	
		2,605,610		Hermitte	08-05-1952	
		2,621,475		Loy	12-16-1952	
		2,636,345		Zoller	04-28-1953	
		2,654,217		Rettaliata	10-06-1953	
		2,656,677		Peterson	10-27-1953	
		2,662,373		Sherry	12-15-1953	
		2,678,531		Miller	05-18-1954	
		2,678,532		Miller	05-18-1954	
		2,697,482		Blizard	12-21-1954	
		2,717,491		Barr	09-13-1955	
		2,722,100		Goddard	11-01-1955	
		2,763,987		Kretschmer	09-25-1956	
		2,770,097		Walker	11-13-1956	
		2,832,194		Kuhner	04-29-1958	

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*L. J. Casaregola*

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Application Number	10/716,004
Filing Date	11/17/2003
First Named Inventor	VITERI, Fernin
Group Art Unit	3746
Examiner Name	CASAREGOLA, Louis J.
Attorney Docket Number	.0145.001

Sheet 3 of 11

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
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		2,884,912		Lewis	05-05-1959	
		2,916,877		Walter	12-15-1959	
		2,986,882		Pavlecka	06-06-1961	
		3,038,308		Fuller	06-12-1962	
		3,054,257		Schelp	09-18-1962	
		3,101,592		Robertson	08-27-1963	
		3,134,228		Wolansky	05-26-1964	
		3,183,864		Stengel	05-18-1965	
		3,238,719		Harslem	03-08-1966	
		3,298,176		Forsyth	01-17-1967	
		3,302,596		Zinn	02-07-1967	
		3,315,467		DeWitt	04-25-1967	
		3,331,671		Goodwin	07-18-1967	
		3,335,565		Agnet	08-15-1967	
V		3,359,723		Bohensky	12-26-1967	
		3,385,381		Calaman	05-28-1968	
		3,423,028		Stupakis	01-21-1969	
		3,459,953		Hughes	08-05-1969	
		3,559,402		Stone	02-02-1971	

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*L. J. Casaregola*

Date  
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4/4/05

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Application Number		107716,004			
Filing Date		11/17/2003			
First Named Inventor		VITERI, Fernin			
Group Art Unit		3746			
Examiner Name		CASABEGOLA, Louis J.			
Attorney Docket Number		.0145.001			
Sheet	4	of	11		

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
LJC		3,574,507		Kydd	04-13-1971	
		3,608,529		Smith	09-28-1971	
		3,649,469		MacBeth	03-14-1972	
		3,657,879		Ewbank	04-25-1972	
		3,677,239		Elkins	07-18-1972	
		3,693,347		Kydd	09-26-1972	
		3,702,110		Hoffman	11-07-1972	
		3,703,807		Rice	11-28-1972	
		3,731,485		Rudolph	05-08-1973	
		3,736,745		Karig	06-05-1973	
		3,738,792		Feng	06-12-1973	
		3,747,336		Dibelius	07-24-1973	
		3,751,906		Leas	08-14-1973	
		3,722,881		Lange	11-20-1973	
		3,779,212		Wagner	12-18-1973	
		3,792,690		Cooper	02-19-1974	
		3,804,579		Wilhelm	04-16-1974	
		3,807,373		Chen	04-30-1974	
		3,826,080		DeCorso	07-30-1974	
		3,831,373		Flynt	08-27-1974	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>	
		Office <sup>4</sup>	Kind Code <sup>5</sup> (if known) Number <sup>4</sup>					
				</				

Examiner Signature <span style="font-family: cursive;">L J Casabegola</span>	Date Considered	<span style="font-family: cursive;">4/4/05</span>
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<sup>2</sup> Unique citation designation number. <sup>3</sup> See attached Kinds of U.S. Patent Documents. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1448A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/718,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fernin
				Group Art Unit	3746
				Examiner Name	CASAREGOLA, Louis J.
				Attorney Docket Number	,0145.001
Sheet	5	of	11		

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
LDL		3,850,569		Alquist	11-26-1974	
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		3,862,624		Underwood	01-28-1975	
		3,862,819		Wentworth	01-28-1975	
		3,928,961		Pfefferle	12-30-1975	
		3,972,180		Van Gelder	08-03-1976	
		3,978,661		Cheng	09-07-1976	
		3,980,064		Ariga	09-14-1976	
		3,982,878		Yamane	09-28-1976	
		4,063,414		Sata	12-20-1977	
		4,118,925		Sperry	10-10-1978	
		4,133,171		Earnest	01-09-1979	
		4,148,185		Somers	04-10-1979	
		4,193,259		Muenger	03-18-1980	
		4,194,890		McCombs	03-25-1980	
		4,199,327		Hempill	04-22-1980	
		4,224,299		Barber	09-23-1980	
		4,224,991		Sowa	09-30-1980	
V		4,249,371		Romeyke	02-10-1981	
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[illegible]

Examiner Signature	<i>L. T. Conroy</i>	Date Considered	4/4/05
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				Application Number	107716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermin
				Group Art Unit	3746
				Examiner Name	CASAREGOLA, Louis J.
				Attorney Docket Number	,0145,001
Sheet	6	of	11		

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LBC		4,273,743		Barber	06-16-1981	
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		4,313,300		Wilkes	02-02-1982	
		4,327,547		Hughes	05-04-1982	
		4,377,067		Sternfeld	03-22-1983	
		4,425,755		Hughes	01-17-1984	
		4,426,842		Collet	01-24-1984	
		4,434,613		Stahl	03-06-1984	
V		4,456,069		Vigneri	06-26-1984	
		4,465,023		Wagner	08-14-1984	
		4,498,289		Oserby	02-12-1985	
LBC		4,499,721		Cheng	02-19-1985	
		4,509,324		Urbach	04-09-1985	
		4,519,769		Tanaka	05-28-1985	
		4,528,811		Stahl	07-16-1985	
		4,533,314		Herberling	08-06-1985	
		4,549,397		Cheng	10-29-1985	
		4,622,007		Gitman	11-11-1986	
		4,631,914		Hines	12-30-1986	
V		4,657,009		Zen	04-14-1987	

[illegible]

Examiner Signature	<i>L. J. Conroy</i>	Date Considered	4/4/05
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				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fernin
				Group Art Unit	3746
				Examiner Name	CASAREGOLA, Louis J.
				Attorney Docket Number	0145.001
Sheet	7	of	11		

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LAC		4,674,463		Duckworth	06-23-1987	
		4,680,927		Cheng	07-21-1987	
		4,716,737		Mandrin	01-05-1988	
		4,731,989		Furuya	03-22-1988	
		4,765,143		Crawford	08-23-1988	
		4,825,650		Hosford	05-02-1989	
		4,841,721		Patton	06-27-1989	
		4,845,940		Beer	07-11-1989	
		4,884,529		Byrnes	12-05-1989	
		4,899,537		Cheng	02-13-1990	
		4,910,008		Prudhon	03-20-1990	
		4,916,904		Ramsaier	04-17-1990	
		4,928,478		Maslak	05-29-1990	
		4,942,734		Markbreiter	07-24-1990	
		4,948,055		Belcher	08-14-1990	
		4,982,568		Kalina	01-08-1991	
		4,987,735		DeLong	01-29-1991	
		5,050,375		Dickinson	09-24-1991	
V		5,055,030		Schirmer	10-08-1991	
		5,069,031		Shekleton	12-03-1991	

[illegible]

Examiner Signature	<i>L. L. Cavanaugh</i>	Date Considered	4/4/05
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				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fernin
				Group Art Unit	3746
				Examiner Name	CASAREGOLA, Louis J.
				Attorney Docket Number	.0145.001
Sheet	8	of	11		

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		Number	Kind Code‡ (if known)		
2/d/c		5,088,450		Sternfeld	02-18-1992
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[illegible]

Examiner Signature	<i>L. S. Conroy</i>	Date Considered	<i>4/4/05</i>
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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	Application Number	10/716,004	
	Filing Date	11/17/2003	
	First Named Inventor	VITERI, Fernin	
	Group Art Unit	9746	
	Examiner Name	CASAREGOLA, Louis J.	
	Attorney Docket Number	0145,001	
Sheet	0	of	11

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
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		5,709,077		Beichel	01-20-1998	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>					

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				Application Number	10/716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermin
				Group Art Unit	3740
				Examiner Name	CASAREGOLA, Louis J.
				Attorney Docket Number	0145-001
Sheet	10	of	11		

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
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		6,607,854		Rehg	08-19-2003	

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Examiner Signature	<i>L. H. Casarego</i>	Date Considered	4/4/05
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				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermin
				Group Art Unit	3746
				Examiner Name	CASAREGOLA, Louis J.
				Attorney Docket Number	0145,001
Sheet	11	of	11		

[illegible][illegible]

Examiner Signature	<i>L. J. [Signature]</i>	Date Considered	<i>4/4/05</i>
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